

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 to 9 (canceled).

Claim 10 (previously presented): A projection illumination system, comprising:

a solid state light source unit emitting at least one light beam; and

a reflecting mirror unit for raster scanning the light beam over an image, wherein said raster scanning comprises moving the light beam along horizontal and vertical directions.

Claim 11 (original): The system of claim 10, wherein the solid state light source unit comprises at least one solid state light source selected from the group consisting of semiconductor edge emitting laser diodes (LD), vertical cavity surface emitting laser diodes (VCSEL), diode pumped solid state frequency doubled (DPSSFD) lasers, and light emitting diodes (LED) for desired color.

Claim 12 (original): The system of claim 10, wherein the reflecting mirror unit is selected from the group consisting of:

a bi-directional micro-electro-mechanical system (MEMS) scanning mirror;

a first MEMS scanning mirror rotating about a horizontal axis and a second MEMS scanning mirror rotating about a vertical axis; and

at least one galvanometer mirror manufactured by mechanical processes.

Claim 13 (previously presented): The system of claim 10, wherein the image is an existing image on a medium selected from the group consisting of a wall, a screen, a sign, and a billboard, and the light beam is raster scanned to illuminate the existing image.

Claim 14 (previously presented): The system of claim 10, wherein the image is on a semi-transparent material so the image can be viewed on both sides.

Claim 15 (original): The system of claim 10, wherein the image is a semi-transparent image and the image is projected onto a medium to create a larger image.

Claim 16 (previously presented): A projection illumination system, comprising:

- a first solid state light source unit emitting at least a first light beam;

- a first reflecting mirror unit for scanning the first light beam over an image to illuminate the image;

- a second solid state light source unit emitting at least a second light beam;

- a second reflecting mirror unit for scanning the second light beam over the image to illuminate the image;

wherein the first reflecting mirror unit illuminates a first portion of the image while the second reflecting mirror unit illuminates a second portion of the image.

Claim 17 (original): The system of claim 16, wherein the projection illumination system comprises one of an overhead projector, an LCD projector, and a slide machine.

Claim 18 (previously presented): The system of claim 10, further comprising:

- a light-valve device;

wherein the light beam raster scans over the light-valve device to project the image modulated by the light-valve device.

Claim 19 (original): The system of claim 18, wherein the light-valve device is selected from the group consisting of a liquid crystal display (LCD) device, a liquid crystal on silicon (LCoS) device, and a digital micromirror device (DMD).

Claims 20 to 28 (canceled).